



SQL Server 2005 Books Online (November 2008)

Define Semiadditive Behavior (Business Intelligence Wizard) (SSAS)

Use the **Define Semiadditive Behavior** page to enable or disable semi-additive behavior. Semi-additive behavior determines how measures that are contained by a cube are aggregated over a time dimension.

Note:

This page does not appear if the Business Intelligence Wizard was started from Dimension Designer or by right-clicking a dimension in Solution Explorer in Business Intelligence Development Studio.

Options

Turn off semiadditive behavior

Disables semi-additive behavior in all measures contained by the cube.

The wizard has detected the <dimension name> account dimension, which contains semiadditive members. The server will aggregate members of this dimension according to the semiadditive behavior specified for each account type.

Enables semi-additive behavior for account dimensions that contain semi-additive members. Selecting this option sets the aggregation function of all measures in measure groups that reference the account dimension to **ByAccount**.

For more information about account dimensions, see [Account \(SSAS\)](http://msdn.microsoft.com/en-us/library/ms174609(SQL.90).aspx) [[http://msdn.microsoft.com/en-us/library/ms174609\(SQL.90\).aspx](http://msdn.microsoft.com/en-us/library/ms174609(SQL.90).aspx)] .

Define semiadditive behavior for individual members

Enables semi-additive behavior and specifies the semi-additive aggregation function for specific measures. The aggregation function applies to all dimensions that are referenced by the measure group that contains the measure.

Measures

Displays the name of a measure contained by the cube.

Semiadditive Function

Select the aggregation function for the selected measure. The following table lists the aggregation functions that are available.

Value	Description
AverageOfChildren	Aggregated by returning the average of the measure's children.
ByAccount	Aggregated by the aggregation function associated with the specified account type of an attribute in an account dimension.
Count	Aggregated using the Count function.
DistinctCount	Aggregated using the DistinctCount function.
FirstChild	Aggregated by returning the measure's first child member.
FirstNonEmpty	Aggregated by returning the measure's first nonempty member.
LastChild	Aggregated by returning the measure's last child member.
LastNonEmpty	Aggregated by returning the measure's last nonempty member.
Max	Aggregated using the Max function.

Min	Aggregated using the Min function.
None	No aggregation performed.
Sum	Aggregated using the Sum function.
Note:	
Selections made for this option apply only if Define semiadditive behavior for individual members is selected.	

See Also

Reference

[Business Intelligence Wizard F1 Help \(SSAS\) \[http://msdn.microsoft.com/en-us/library/ms178384\(SQL.90\).aspx \]](http://msdn.microsoft.com/en-us/library/ms178384(SQL.90).aspx)

[Cube Designer \(SSAS\) \[http://msdn.microsoft.com/en-us/library/ms188152\(SQL.90\).aspx \]](http://msdn.microsoft.com/en-us/library/ms188152(SQL.90).aspx)

[Dimension Designer \(SSAS\) \[http://msdn.microsoft.com/en-us/library/ms181163\(SQL.90\).aspx \]](http://msdn.microsoft.com/en-us/library/ms181163(SQL.90).aspx)

Help and Information

[Getting SQL Server 2005 Assistance \[http://msdn.microsoft.com/en-us/library/ms166016\(SQL.90\).aspx \]](http://msdn.microsoft.com/en-us/library/ms166016(SQL.90).aspx)

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